



ELSEVIER

Aquatic Botany 68 (2000) 375-377

---

**Aquatic  
botany**

---

[www.elsevier.com/locate/aquabot](http://www.elsevier.com/locate/aquabot)

## Contents of *Aquatic Botany*, Volume 68

**VOL. 68 NO. 1****SEPTEMBER 2000**

Leaf phenological traits in the mangrove <i>Kandelia candel</i> (L.) Druce P. Gwada, T. Makoto and Y. Uezu (Okinawa, Japan) . . . . .	1
Physiological and biochemical responses to salt stress in the mangrove, <i>Bruguiera gymnorhiza</i> T. Takemura, N. Hanagata, K. Sugihara (Tokyo, Japan), S. Baba (Okinawa, Japan), I. Karube (Tokyo, Japan) and Z. Dubinsky (Tokyo, Japan and Ramat-Gan, Israel) . . . . .	15
Modelling growth of <i>Ruppia cirrhosa</i> G. Calado (Lisbon, Portugal) and P. Duarte (Oporto, Portugal) . . . . .	29
Cellular distribution of copper, lead and zinc in the grey mangrove, <i>Avicennia marina</i> (Forsk.) Vierh G.R. MacFarlane and M.D. Burchett (Sydney, NSW, Australia) . . . . .	45
Effects of 4 years of nitrogen and phosphorus additions on Everglades plant communities C. Chiang (Bangkok, Thailand), C.B. Craft (Bloomington, IN, USA), D.W. Rogers (Erie, PA, USA) and C.J. Richardson (Durham, NC, USA) . . . . .	61

**Technical communication**

The line intersection method to estimate total foliage length in <i>Potamogeton pectinatus</i> L. N.S. Sidorkiewicz and O.A. Fernández (Bahía Blanca, Argentina) . . . . .	79
---	----

**Short communication**

A comparison of two sampling techniques in the study of submersed macrophyte richness and abundance R.S. Capers (Storrs, CT, USA) . . . . .	87
---	----

**Book review** . . . . .

93

**Announcement** . . . . .

95

**VOL. 68 NO. 2****OCTOBER 2000**

Below-ground decomposition of organic matter in forests of the mangroves <i>Rhizophora stylosa</i> and <i>Avicennia marina</i> along the arid coast of Western Australia D.M. Alongi, F. Tirendi and B.F. Clough (Queensland, Australia) . . . . .	97
Phylogenetic studies in <i>Callitrichace</i> : implications for interpretation of ecological, karyological and pollination system evolution C.T. Philbrick (Danbury, CT, USA) and D.H. Les (Storrs, CT, USA) . . . . .	123
Structure and composition of oligohaline marsh plant communities exposed to salinity pulses R.J. Howard (Lafayette, LA, USA) and I.A. Mendelsohn (Baton Rouge, LA, USA) . . . . .	143

Lacunal anatomy and resistance to convective flow in <i>Typha domingensis</i> and <i>Phragmites australis</i> S.D. White and G.G. Ganf (Adelaide, SA, Australia) . . . . .	165
<b>Short communication</b>	
Polyamine levels in the seagrass <i>Cymodocea nodosa</i> F.D. Marián, P. García-Jiménez and R.R. Robaina (Las Palmas, Spain) . . . . .	179
<b>Book review</b> . . . . .	
<b>Corrigendum</b> . . . . .	187

**VOL. 68 NO. 3****NOVEMBER 2000**

Comparative seed morphology of Mexican <i>Nymphaea</i> species J. Bonilla-Barbosa (Morelos, Mexico), A. Novelo, Y.H. Orozco and J. Márquez-Guzmán (Mexico, Mexico) . . . . .	189
Light acclimation of the charophyte <i>Lamprothamnium papulosum</i> A. Küster, R. Schaible and H. Schubert (Greifswald, Germany) . . . . .	205
Modeling the effects of macrophyte growth and decomposition on the nutrient budget in Shallow Lakes T. Asaeda, V.K. Trung and J. Manatunge (Saitama-ken, Japan) . . . . .	217
Plant regeneration from seedling explants of <i>Juncus effusus</i> K.S. Sarma and S.M.D. Rogers (Salem, WV, USA) . . . . .	239
Photosynthetic performance in <i>Syringodium filiforme</i> : seasonal variation in light-harvesting characteristics K.M. Major and K.H. Dunton (Port Aransas, TX, USA) . . . . .	249

**Short communications**

Growth, photosynthesis and nutrient content of seedlings and mature plants of <i>Cymodocea nodosa</i> — the importance of clonal integration S.L. Nielsen and M.F. Pedersen (Roskilde, Denmark) . . . . .	265
Influence of tidal restriction floodgates on decomposition of mangrove litter T.M. Dick and O.O. Osunkoya (Newcastle, NSW, Australia) . . . . .	273

**VOL. 68 NO. 4****DECEMBER 2000**

Dormancy and foliar density regulation in <i>Thalassia testudinum</i> B.I. van Tussenbroek (Quintana Roo, Mexico), C.A. Galindo and J. Marquez (México, Mexico) . . . . .	281
Effects of habitat nutrients and seed sources on growth and expansion of <i>Typha domingensis</i> S. Miao, S. Newman and F.H. Sklar (West Palm Beach, FL, USA) . . . . .	297
Selected physiological responses of <i>Salvinia minima</i> to different chromium concentrations P.B. Nichols, J.D. Couch and S.H. Al-Hamdan (Jacksonville, AL, USA) . . . . .	313
Inter-annual variation in submerged macrophyte community biomass and distribution: the influence of temperature and lake morphometry N. Rooney and J. Kalff (Montreal, Canada) . . . . .	321
<b>Short communications</b>	
Leaf primary production in <i>Posidonia oceanica</i> : two reconstructive aging techniques give similar results P. Guidetti (Lecce, Italy) . . . . .	337

Wound response and regeneration in <i>Coelarthurum opuntia</i> M. Ram (Delhi, India), M.R. Vijayaraghavan (Kodaikanal, India) and S.B. Babbar (Delhi, India) . . . . .	345
<b>Author Index, Volume 66-68</b> . . . . .	353
<b>Subject Index, Volume 66-68</b> . . . . .	361
<b>Contents of Aquatic Botany, Volume 68</b> . . . . .	375